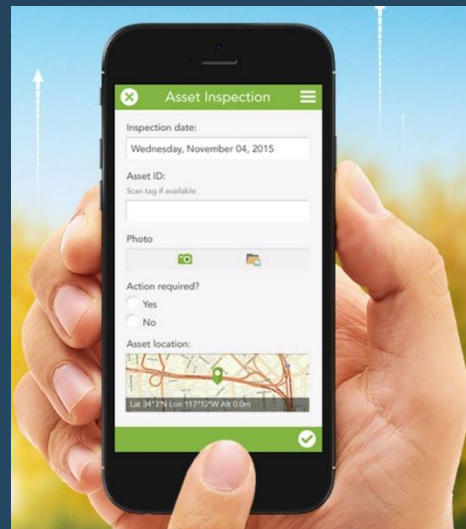
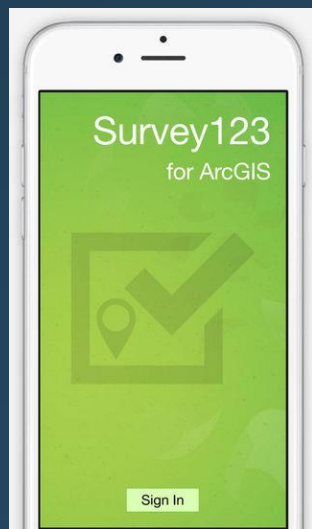




Field Data Collection Review

Collecting data in the field using smart phones:
Survey 123 for ArcGIS

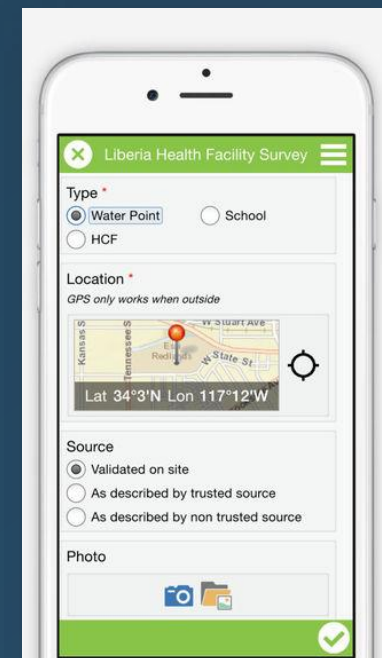




What is Survey123?



- Smart phone app: Windows, Android, iOS
- Access: ArcGIS Online Account
- Form-based – surveys created in spreadsheets
- For capturing new data
- Collects points



<https://www.youtube.com/watch?v=fdOudSv1pKk>

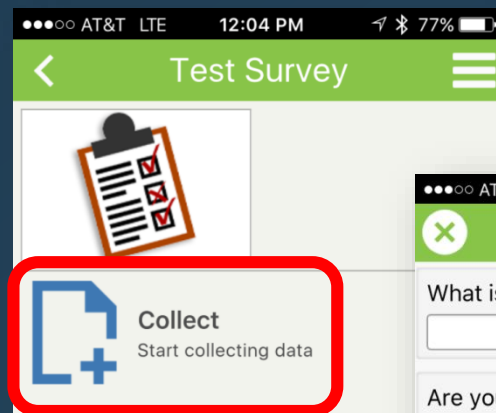
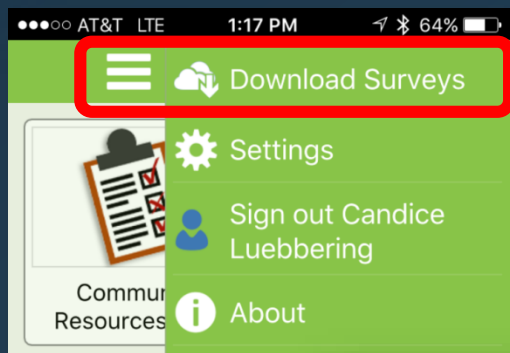


Finding Surveys on the App

- **Open the Survey123 app on your phone**
- **Log in using your ArcGIS Online account**
- **Click 'Get Surveys' or choose 'Download Surveys' from the menu at the top right**
- **Surveys shared with your organization will be listed, Download the survey you wish to use**
 - **Download 'Test Survey' to try it out**



Test Survey on the App



What is your first name?

Are you a student, professor, or other professional?

☐ Student

☐ Professor

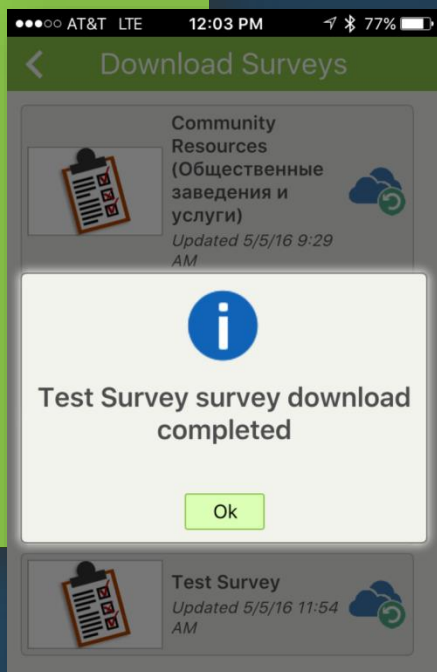
☐ Other Professional

What university or organization are you affiliated with?

Where do you work or go to school?

Use the map below to choose the location.

45°31'N 122°39'W ± 65 m





Test Survey on the App

Tap on the map to open it full screen to set your point.

Tap the green checkmark to save your location and your survey

My Survey

What is your first name?

Are you a student, professor, or other professional?

☐ Student

☐ Professor

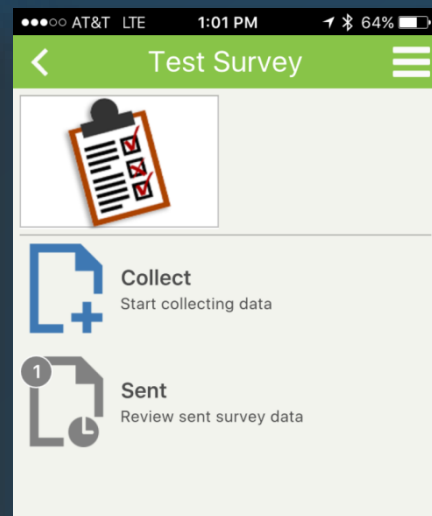
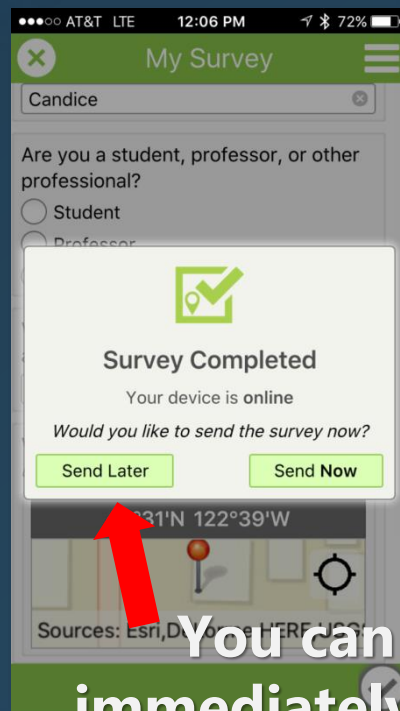
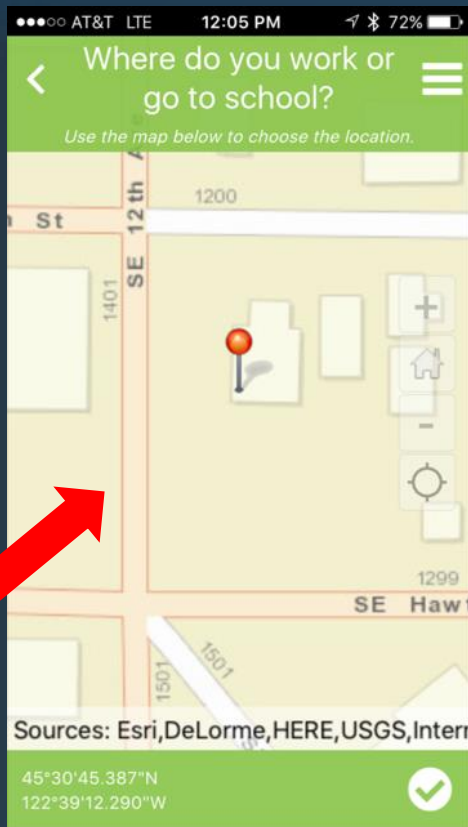
☐ Other Professional

What university or organization are you affiliated with?

Where do you work or go to school?

Use the map below to choose the location.

45°31'N 122°39'W ± 65 m



You can send data immediately or later once you are back on wifi



Where does survey data go?

Gallery

My Favorites

My Organization's Featured Content

Esri Featured Content

Kharkiv Featured Content

Sort By: Most Viewed



Show

All

Maps

Layers

Scenes

Apps

Tools

Files

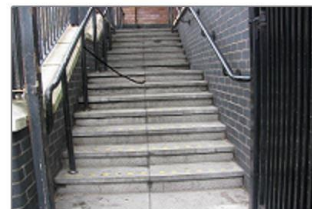
Search the website or visit the
ArcGIS Marketplace



Community Resources
(Общественные)



spaero_kharkiv_lakes_w
aterbodies



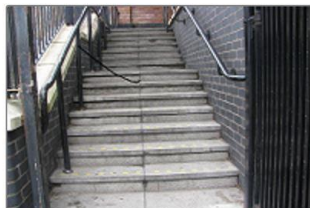
Mobility Features
(Доступность среды)



Community Resources
(Общественные)



spaero_kharkiv_building
s_subset



Mobility Features
(Доступность среды)



spaero_kharkiv_elevatio
n_contours



Test Survey





Where does survey data go?



Details Add Edit Basemap Analysis Save Share Directions Measure Bookmarks Find address or place

Contents

- Test Survey
- Topographic

Test_Survey

What is your first name?	Candice
Are you a student, professor, or other professional?	Other Professional
What university or organization are you affiliated with?	American Association of Geographers

Edited by LuebbingAAG 53 minutes ago

Zoom to Get Directions Edit

Esri.com · ArcGIS Marketplace · Help · Terms of Use · Privacy · Contact Esri · Contact Us · Report

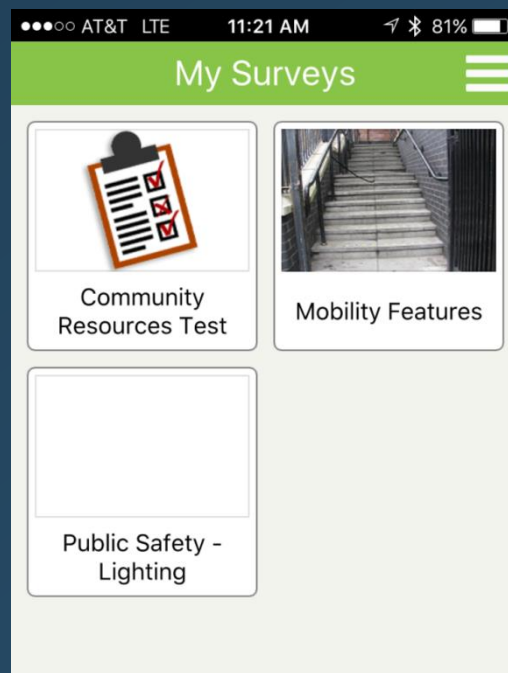
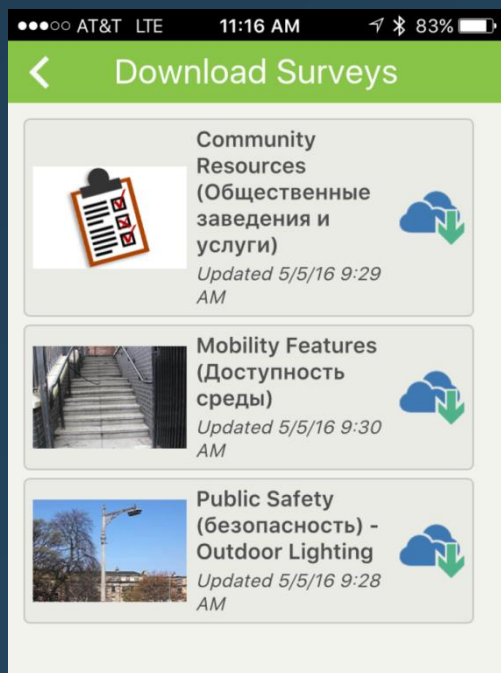
www.esri.com

MRLC, Oregon Metro, Bureau of Land Management, State of Oregon, State of Oregon ...



Workshop Surveys

- Download the 3 Surveys from May
 - 1) Mobility Features
 - 2) Public Safety
 - 3) Community Resources





Workshop Surveys



Mobility Features

AT&T LTE 2:43 PM 61%

My Survey

Is this a street intersection, stairs, or subway station entrance? *

☐ Street Intersection

☐ Stairs

☐ Subway Station Entrance

Collect the GPS coordinates for this feature. *



Use the map below to set the feature location.


45°31'N 122°39'W ± 1061.52 m

© OpenStreetMap contributors

Take a photo of this mobility feature.

This is optional.



Public Safety

AT&T Wi-Fi 11:06 PM 78%

My Survey

Is this a street light/lamp or evacuation gathering place? *

☐ Street light or lamp

☐ Evacuation gathering place

Capture the location of this feature using the map below. *



Tap on the map to open it, zoom in and move the map as needed.


50°0'N 36°14'E ± 65 m

© OpenStreetMap contributors

Take a photo of this feature.

This is optional.



Community Resources

AT&T LTE 2:43 PM 61%

My Survey

What type of community resource is at this location? *

Social Service or General Community Service includes: pension fund branches, government offices, banks, food markets, and post offices.

☐ Healthcare Facility

☐ Housing Resources

☐ Childcare Resource

☐ Employment Resource

☐ Social Service or General Community Service


Collect the GPS coordinates for this feature. *

Use the map below to set the location.

45°31'N 122°39'W ± 1414 m

© OpenStreetMap contributors

Sources: Esri, DeLorme, HERE, USGS





Survey Data Collected



**2,313 Mobility
Features**

**17,986 Public Safety
Features**

**1,451 Community
Resources**

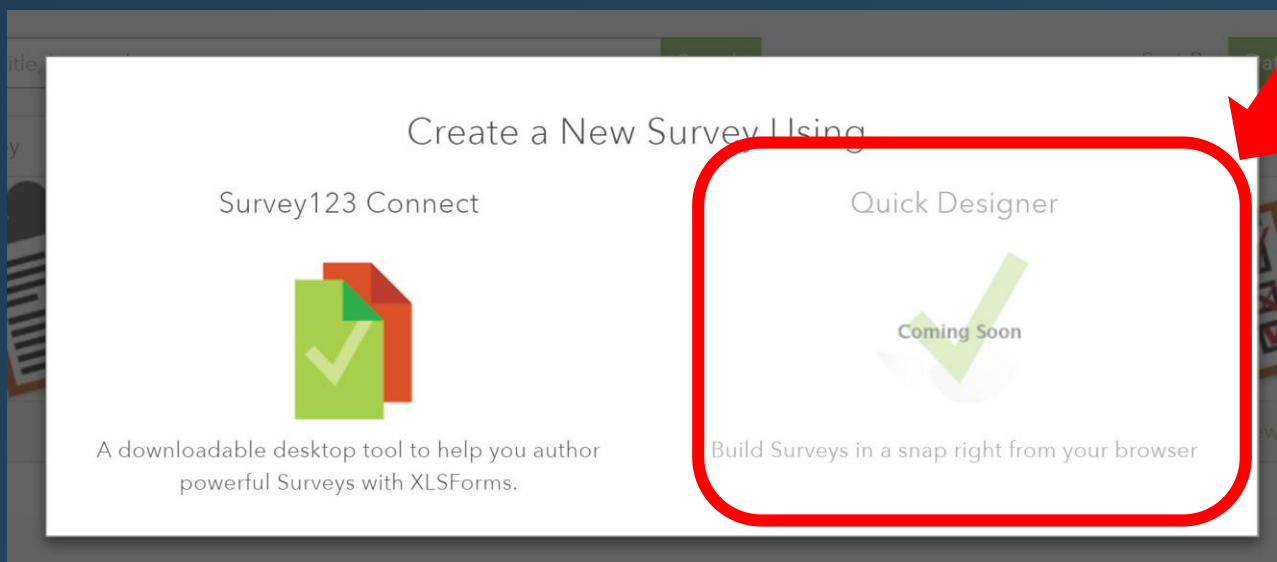




How was the survey made?

- Go to <https://survey123.arcgis.com>
- Two Options:
 - Survey123 Connect
 - **Survey123 Web**

It's here!!





Survey123 Connect

- Build your survey within Microsoft Excel
- Has the most functionality

	A	B	C	D	E	F
1	type	name	label	hint	constraint	constraint_message
2	text	name	What is your first name?			
3	select_one role	role	Are you a student, professor, or other professional?			
4	text	affiliation	What university or organization are you affiliated with?			
5	geopoint	location	Where do you work or go to school?	Use the map below to choose the location.		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						



Survey123 Connect

Survey123ConnectBeta

Form Preview Schema Preview Settings

Test Survey

My Survey

What is your first name?

Are you a student, professor, or other professional?

- ☐ Student
- ☐ Professor
- ☐ Other Professional

What university or organization are you affiliated with?

Where do you work or go to school?

Use the map below to choose the location.



Show Data Values

Show Feature Object

Show Instance Name

Validate Input

Load time on windows
1.3 seconds

Version 1.3.18

Debug





Survey123 Web

- New online survey design builder
- Less functionality, but easy drag & drop design
- Let's overview how it works then walk through a demonstration of how to build a survey using Survey123 Web
- On your Survey123 app, download the Kharkiv Restaurants (INSERT RUSSIAN TITLE) survey and try it out.



Survey123: Survey Construction

- Go to survey123.arcgis.com
- Login using your project account

Survey123 for ArcGIS - Help Sign In

Sign in to Survey123 for ArcGIS

Sign in with your ArcGIS Online subscription account to:

- ✓ Build and publish smart surveys to ArcGIS
- ✓ View the results of surveys in real time
- ✓ Analyze your survey results in ArcGIS

Don't have an ArcGIS Online account?
Sign up for a [Free trial ArcGIS subscription](#)

Subscribe to receive marketing and product updates on Survey123 for ArcGIS.

Sign In

esri

Username
LuebberingAAG

Password
|

☐ Keep me signed in

[SIGN IN](#)

[Forgot password?](#) [Forgot username?](#)

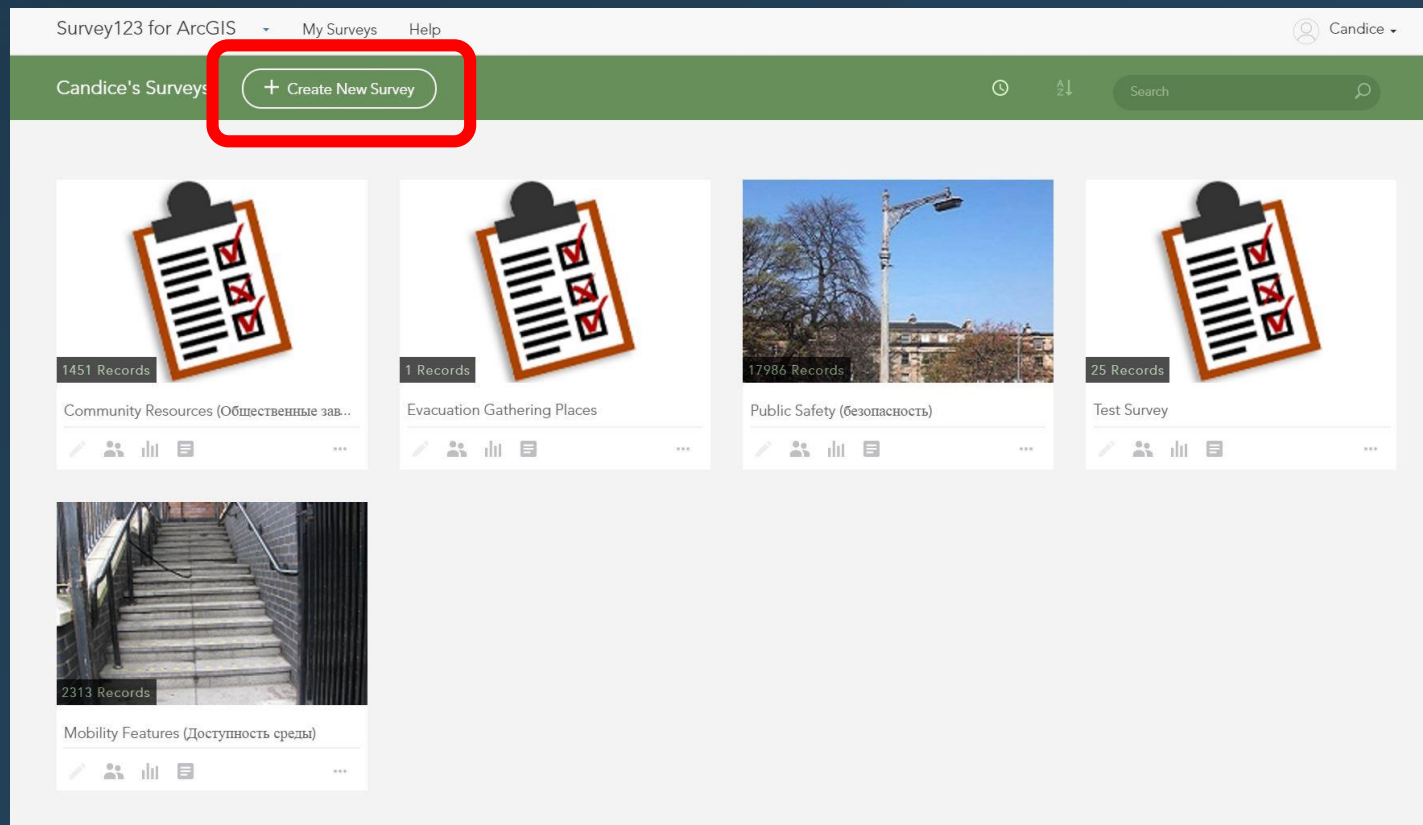
OR

Sign in with [ENTERPRISE ACCOUNT](#)



Survey123: Survey Construction

- Gallery showing all your authored surveys





Survey123: Survey Construction

- Entire a survey name, summary, and tags

My Surveys Help

Create New Survey

Thumbnail

Name *

The name of your survey

Summary

Summary will display in the Overview page of the survey.

Tags

Tags are used for searching the survey. Use the comma to separate multiple tags.

Create Cancel



Survey123: Survey Construction

- Drag and drop question types from the Add menu on the right, into your survey template on the left.

Survey123 for ArcGIS ▾ My Surveys Help Candice ▾

Kharkiv Restaurants Overview **Design (Beta)** Collaborate Analyze Data ?

Kharkiv Restaurants

Survey to capture the location and characteristics of recommended places to eat in Kharkiv.

Please drag from or click on the right panel to add your first question.

Submit

Powered by Survey123 for ArcGIS

Add **Edit** **Theme** **Settings**

Common Questions

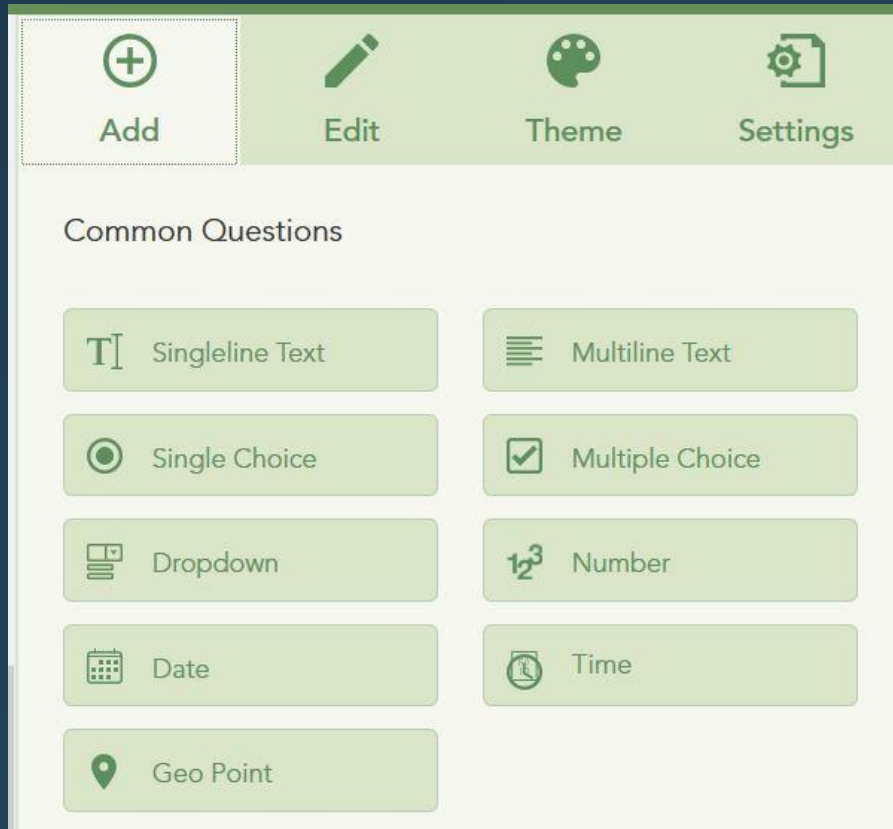
- Singleline Text
- Multiline Text
- Single Choice
- Multiple Choice
- Dropdown
- Number
- Date
- Time
- Geo Point

Save Preview Publish



Survey123: Survey Construction

- Question Types & Options



Notes:

- Only one GeoPoint allowed per survey.
- You can set rules to create nested questions (questions that appear based on the responses of another question. Currently, you can only do this for Single Choice and Dropdown questions.



Survey123: Survey Construction

- After adding a question, review and enter question options in the 'Edit' tab

Please input a number between 1-3

4 When did you last eat here?

To keep our information current, please only report restaurants you have been to within the last year.

Please input a date after 9/20/2015

5 Would you visit this restaurant again? *

Please select

6 Where is this restaurant? *

Lat: 49.9922 Lon: 36.2318

+

Add

Edit

Theme

Settings

Dropdown List

Label

Would you visit this restaurant again?

Hint

Tell user how to fill this question

Choices

☐ Yes

☐ No

☐ Add Other Choice

Other

Validation

☒ This is a required question



Survey123: Survey Construction



Edit question options

- Example: Number question

The screenshot shows the 'Edit question options' interface for a Number question in Survey123. The interface has a top navigation bar with four tabs: 'Add' (plus icon), 'Edit' (pencil icon), 'Theme' (palette icon), and 'Settings' (gear icon). The 'Edit' tab is selected. Below the tabs, the question type is 'Number'. The 'Label' field contains the text 'How expensive is this restaurant'. The 'Hint' field contains the text 'Rate how expensive it is to eat at this restaurant on a scale from 1 to 5. 1 = very inexpensive; 3 = average; 5 = very expensive'. The 'Default Value' field contains the text 'Default Value'. The 'Validation' section has three checkboxes: 'This is a required question' (unchecked), 'Must be an integer' (checked), and 'Set Min./Max. value' (checked). Below the checkboxes, there are input fields for 'Min.' (value 1) and 'Max.' (value 5).



Survey123: Survey Construction

- Edit question options: GeoPoint

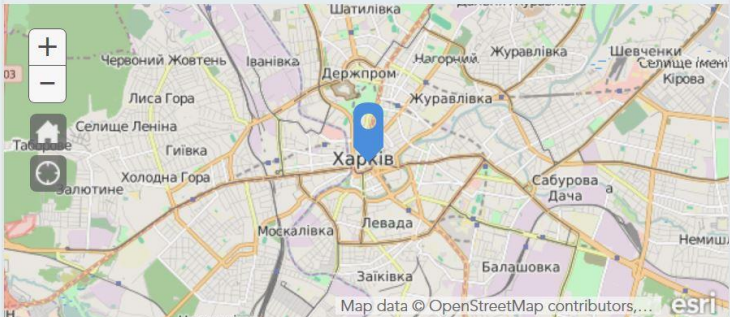
Kharkiv Restaurants

5 Would you visit this restaurant again? *

Please select

6 Where is this restaurant? *

Lat: 49.9893 Lon: 36.2314



Submit

Powered by Survey123 for ArcGIS

+

Add

✎

Edit

🎨

Theme

⚙️

Settings

GeoPoint

Label

Where is this restaurant?

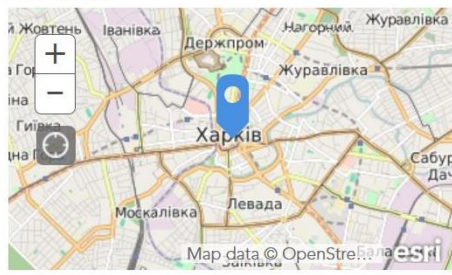
Hint

Tell user how to fill this question

Default Map

OpenStreetMap

Home Location



Save

Preview

Publish



Survey123: Survey Construction

- **Set Rules for Questions to be triggered by certain responses**

Survey123 for ArcGIS ▾ My Surveys Help Candice

Set Rule

Trigger other questions

If	Show
<input type="text" value="Please select...."/>	<input type="text" value="Please select...."/>

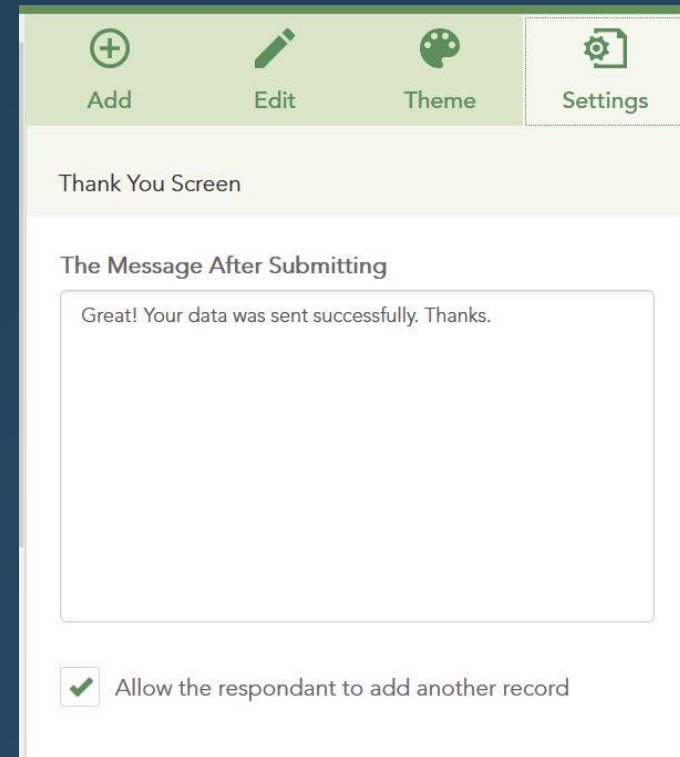
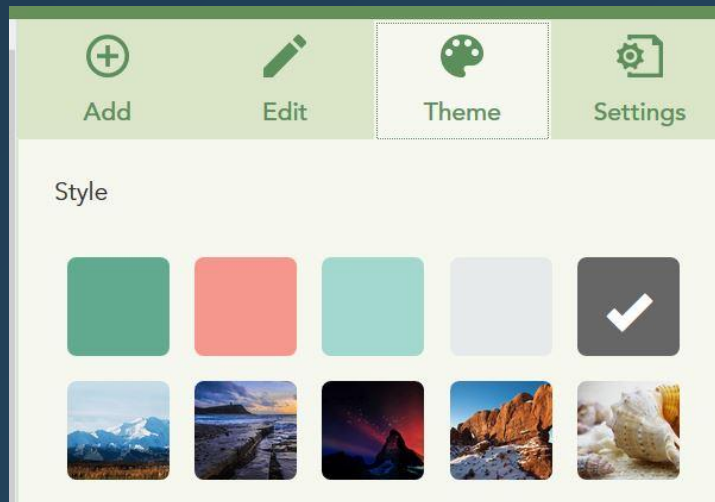
Tip: Rules are only supported by Single Choice and Dropdown questions currently.

OK



Survey123: Survey Construction

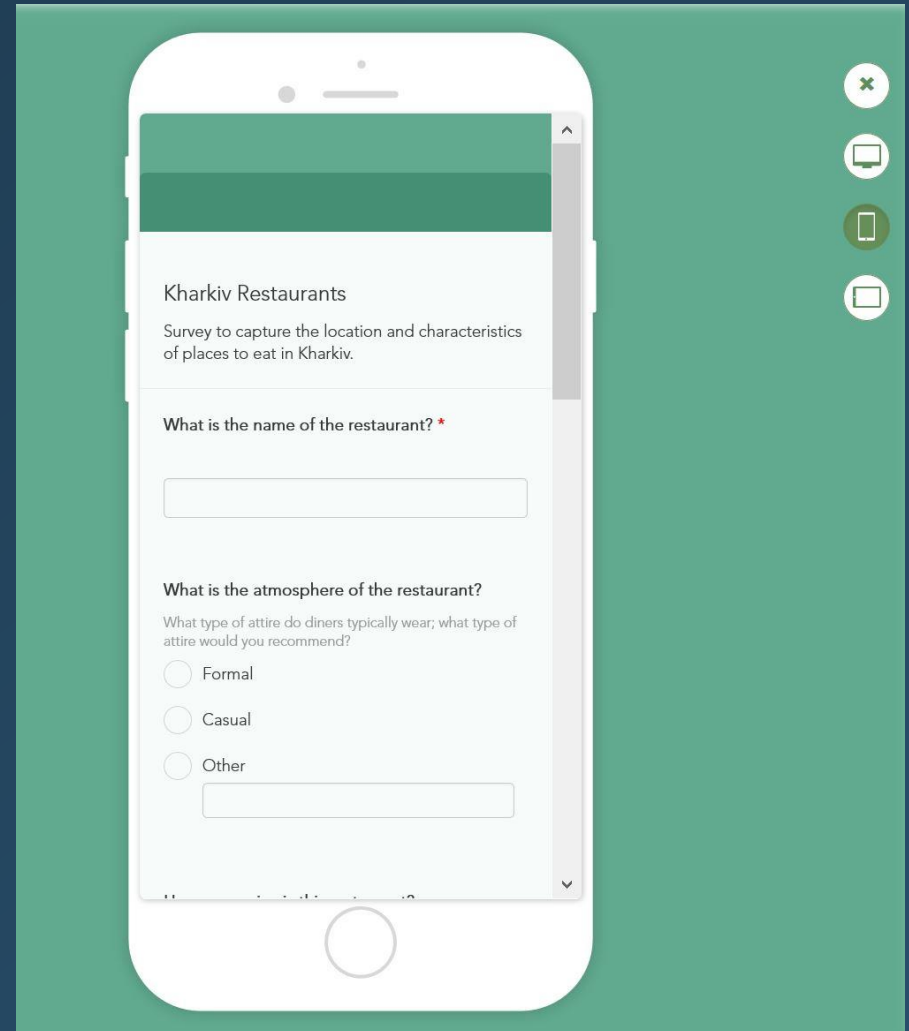
- Theme Tab: Change Appearance
- Settings Tab: Submission Message and Multiple entries





Survey123: Survey Construction

- Hit 'Preview' at the bottom of the menu on the right at any time to preview the look of your survey on a desktop, phone, or tablet





Survey123: Survey Construction

- Share your survey!
- Choose the Collaborate Menu

Survey123 for ArcGIS ▾ My Surveys Help Candice ▾

Mobility Features (Доступность среды) Overview Design (Beta) **Collaborate** Analyze Data

Collaborate Group Settings

Only users, you shared this survey with, can use the survey.

Share this survey to:

☐ Everyone (Public) - Coming soon

☒ Members of my organization (Kharkiv)

☐ Following Groups:

You don't have any group yet.

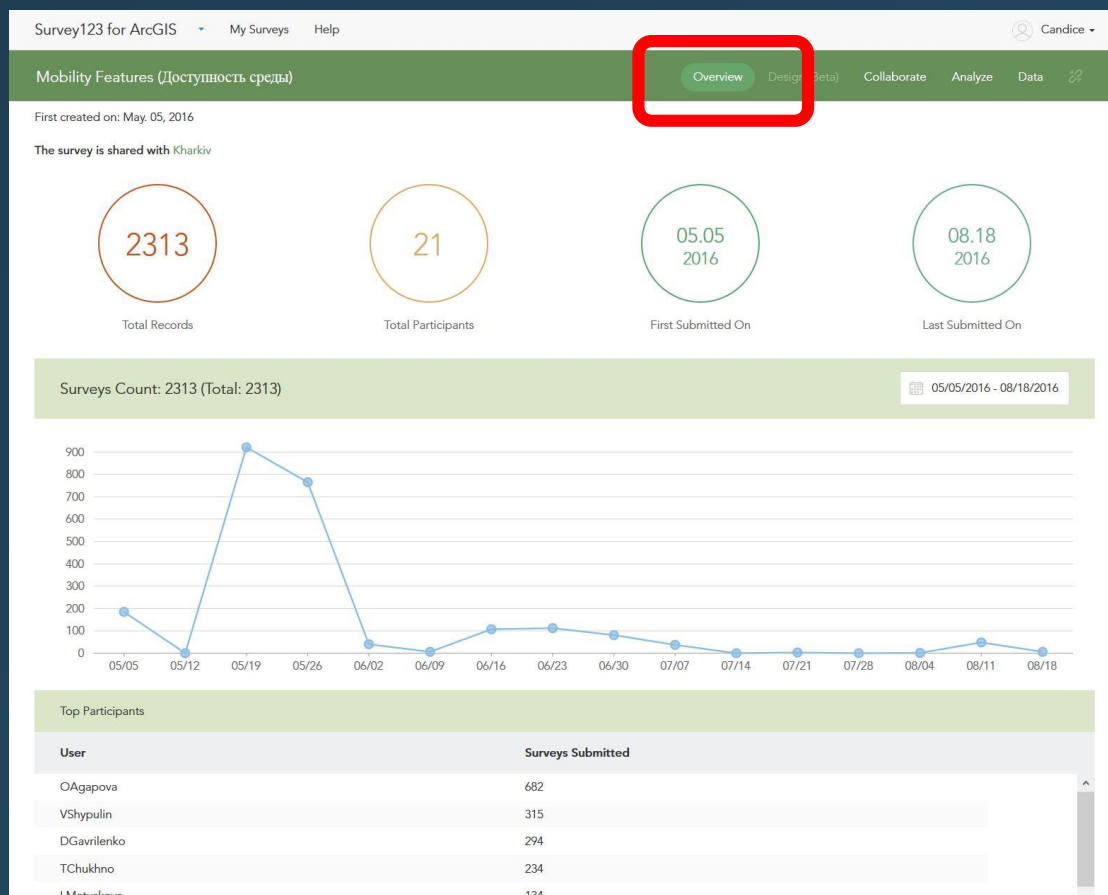
Please manage groups in the [Group page of ArcGIS Online](#). For more information on setting groups, please see the [Group topics in ArcGIS Online Help](#).

Save



Survey123: Overview

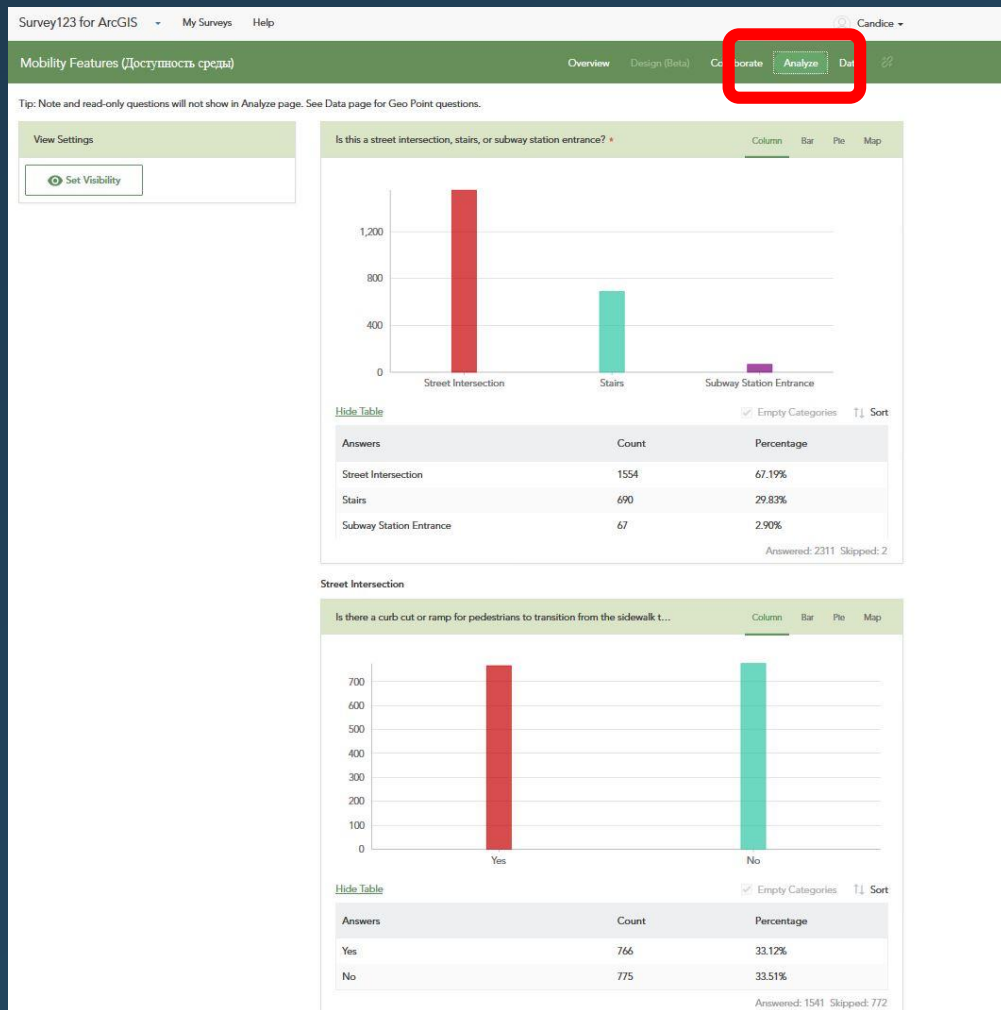
- As a survey author, you can monitor and analyze your survey at survey123.arcgis.com





Survey123: Analyze

- Access summarized results





Survey123: Data View

- Preview data by map and table
- Open in Map Viewer; Download data

Survey123 for ArcGIS ▾ My Surveys Help

Mobility Features (Доступность среды) Overview Design (Beta) Collaborate Analyze **Data**


Data Error Options ▾

Is this a street intersection, stairs, or subway station entrance?	Is there a curb cut or ramp for pedestrians to transition from the sidewalk to the street?	If there is a curb cut or ramp, what is the name of the road it provides pedestrian access to?	How many stairs?	Is there a handrail present next to these stairs?	What is the surface material for these stairs?	Specify other.	How accessible is this subway station entrance?
Stairs			20	No	Wood		
Street Intersection	Yes						
Street Intersection	No						
Street Intersection	No						
Street Intersection	Yes	Гршмана, 3					
Street Intersection	Yes	Гршмана, 3					
Street Intersection	Yes	Гршмана, 3					
Street Intersection	Yes	Мирноградська, 6					

Open in ArcGIS Map Viewer Expand Table CSV Download



Survey123: Help Page

 <https://survey123.arcgis.com/help>

Survey123 for ArcGIS

My Surveys

Help

 Candice

Help

Download

Survey123 Connect is tool that allows you to create and publish advanced survey easily on Windows, Mac or Linux. While Survey123 App allows you to use the survey and collect data online or offline, on iOS, Android or desktop.

- [Download Survey123 Connect & Survey123 App](#)

Technical Support

Help is available through Esri Technical Support, or your local distributor if you are outside the United States.

- [Survey123 Videos](#)
- [Documentation](#)
- [Contact Support](#)
- [Esri Support Website](#)

FAQ

You might find the answer to your question on FAQ page.

- [Survey123 Hub FAQ](#)

Blogs

Get tips and tricks on creating survey and find out what's new.

- [Survey123 for ArcGIS Blog](#)

Community Support

Ask questions and find answers on Esri's discussion platform, and we're also looking forward to hear your voice here:

- [Survey123 Forum on GeoNet](#)

Follow Us on Twitter

Our Tweets keep you up-to-date on exciting new stories, tips, and on the development and new releases.

- [@Survey123forArcGIS](#)



Survey Construction Resources



- **Survey123 for ArcGIS Videos:**
<https://survey123.arcgis.com/videos/>
- **Survey123 Documentation Webpage:**
<https://doc.arcgis.com/en/survey123/>
- **Frequently Asked Questions:**
<https://survey123.arcgis.com/help/faq>